

FIG. 1A

ASYNCHRONOUS SUBACTION

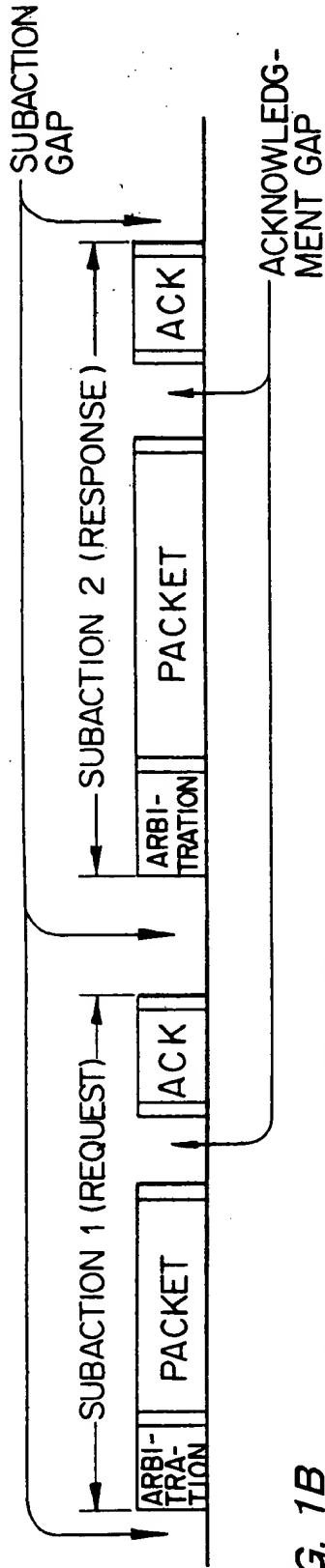


FIG. 1B

ISOSYNCHRONOUS SUBACTION

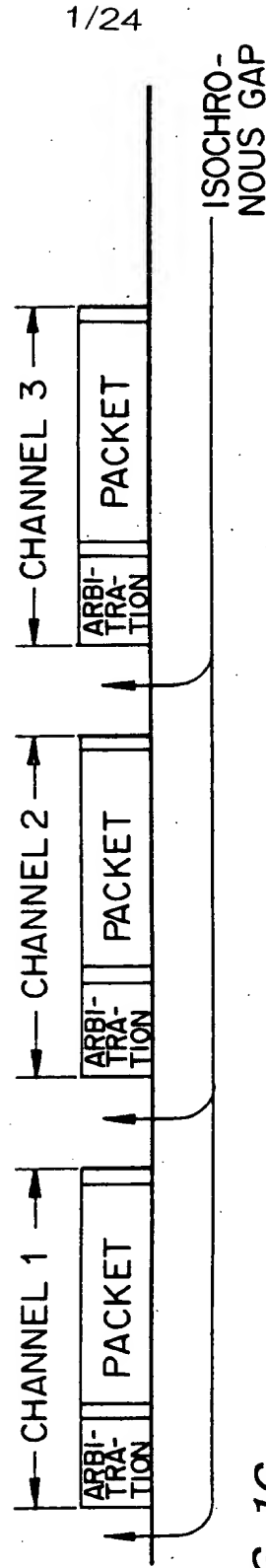


FIG. 1C

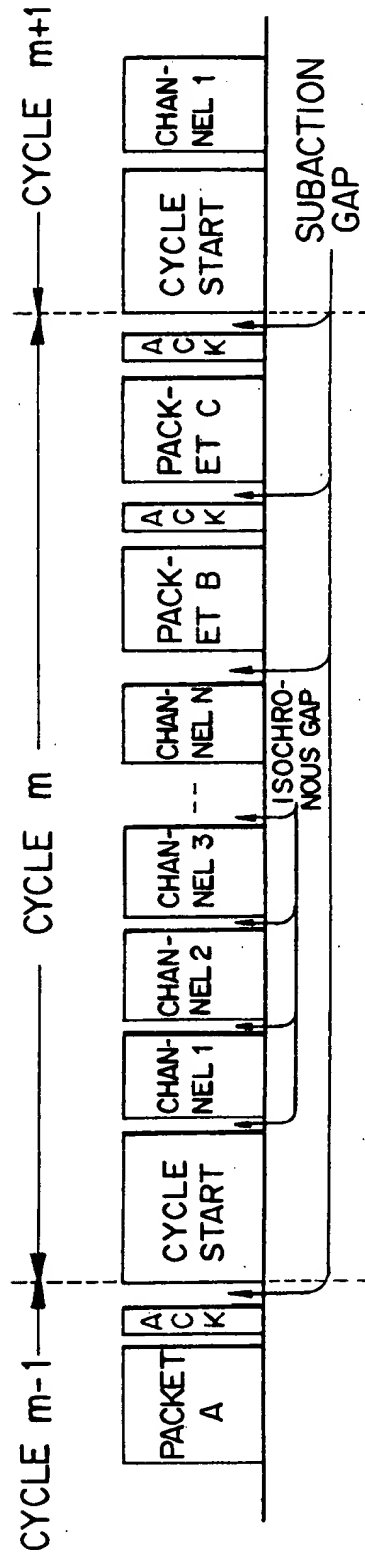


FIG. 2A

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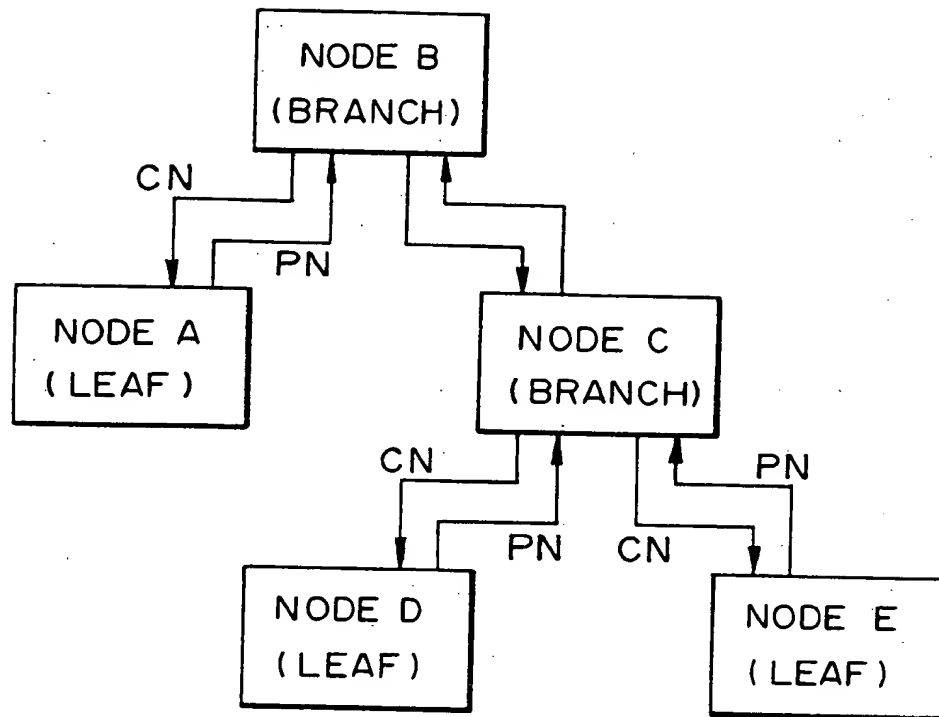


FIG. 2B

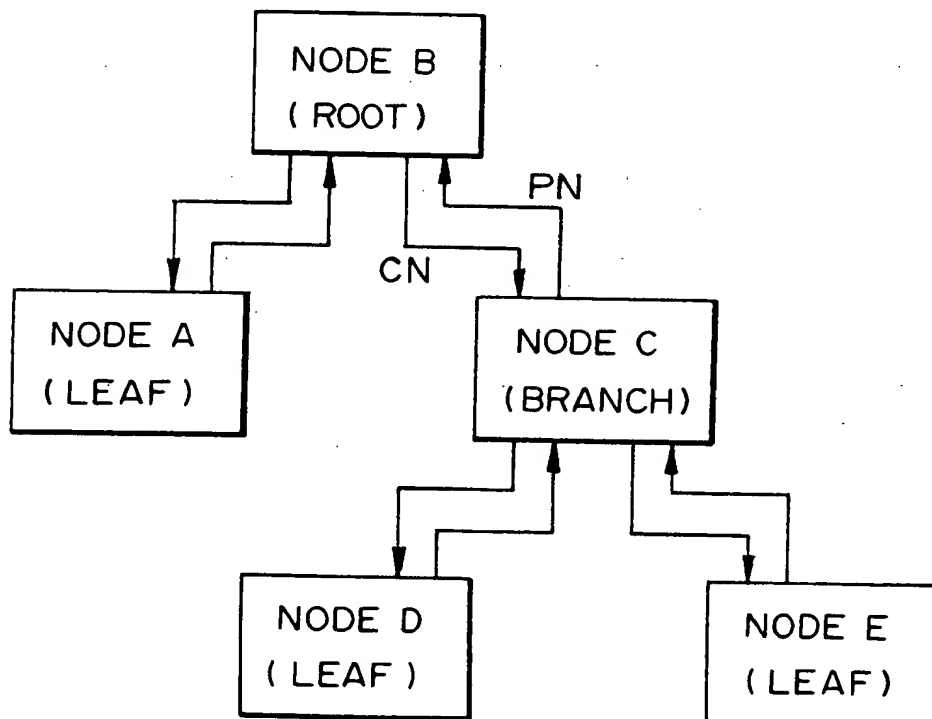
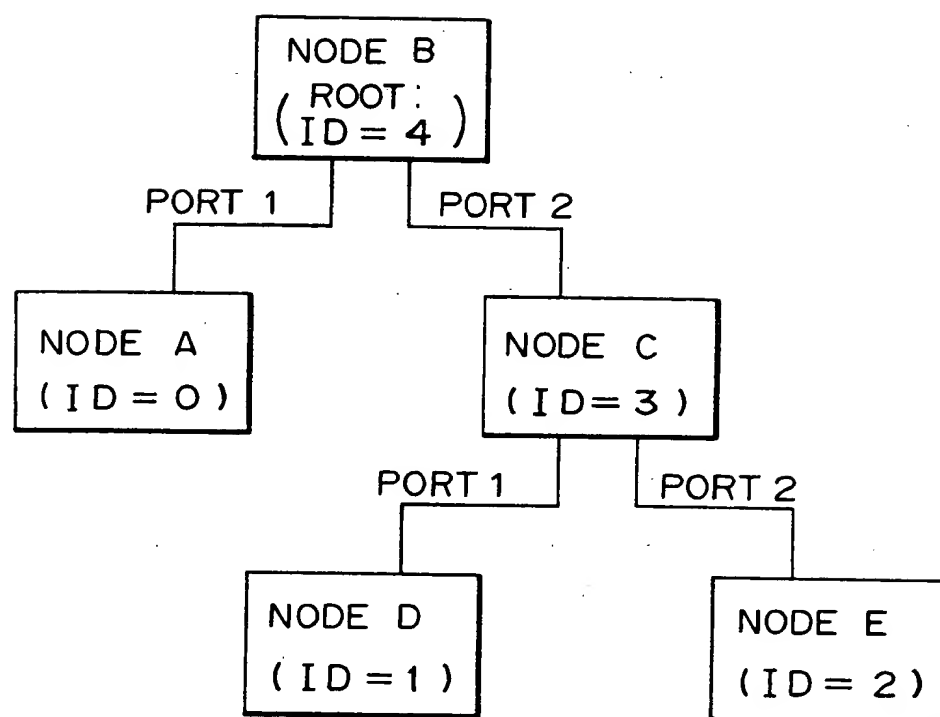


FIG. 3



**FIG. 4A**

## SELF-ID PACKET #0

	b.31												b.0	
0	10	PHY_ID	0	L	gap_cnt	sp	del	C	pwr	p0	p1	p2	i	m
1	INVERSION OF FIRST 32 BITS													

**FIG. 4B**

## SELF-ID PACKETS #1, #2, #3

	b.31															b.0
0	10	PHY_ID	1	n	rsv	pa	pb	pc	pd	pe	pf	pg	ph	r	m	
1	INVERSION OF FIRST 32 BITS															

**FIG. 4C**

## LINK-ON PACKET

	b.31								b.0	
0	01	PHY_ID	0000	0000	0000	0000	0000	0000	0000	0000
1	INVERSION OF FIRST 32 BITS									

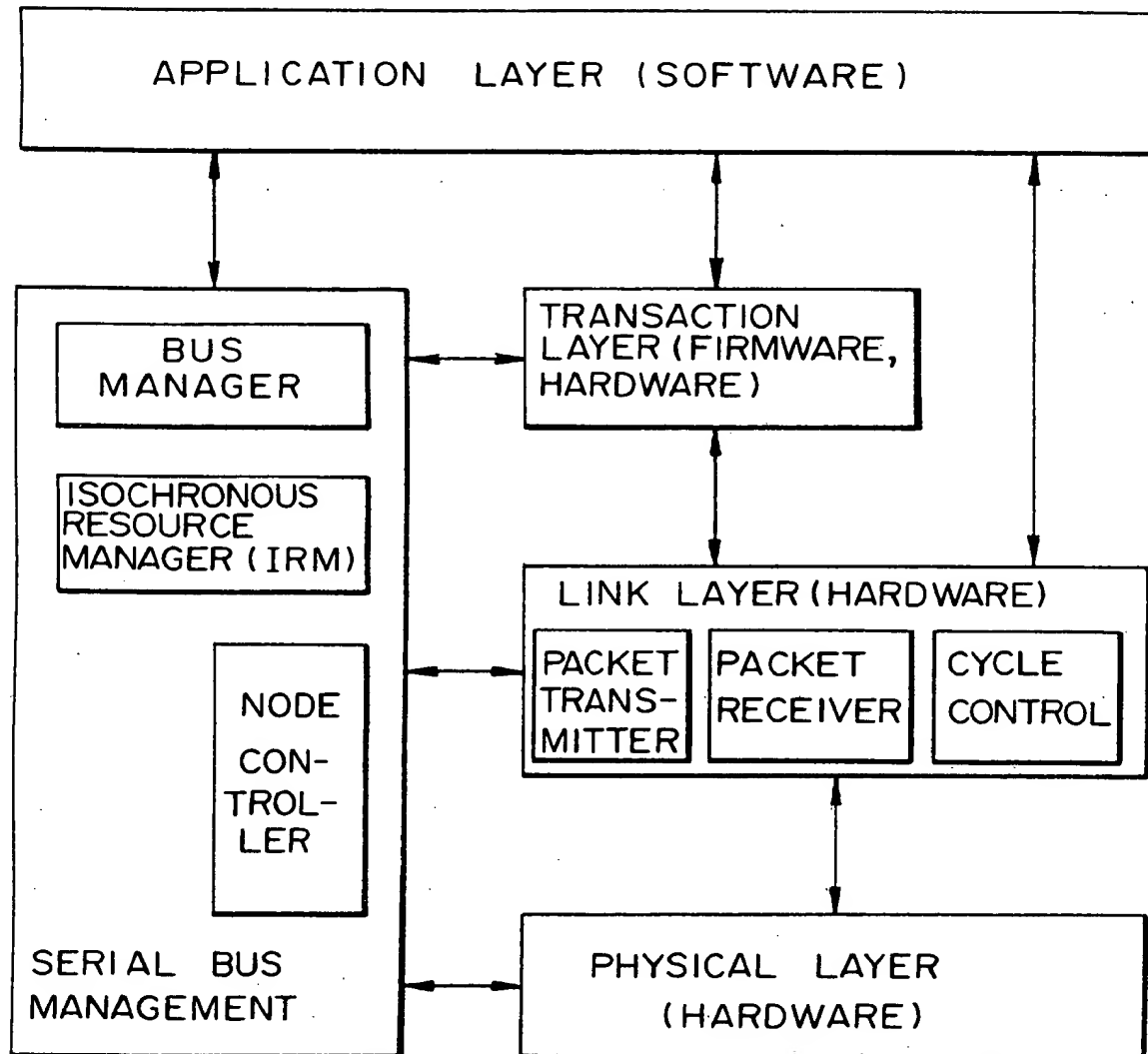
**FIG. 4D**

PHY CONFIGURATION PACKET

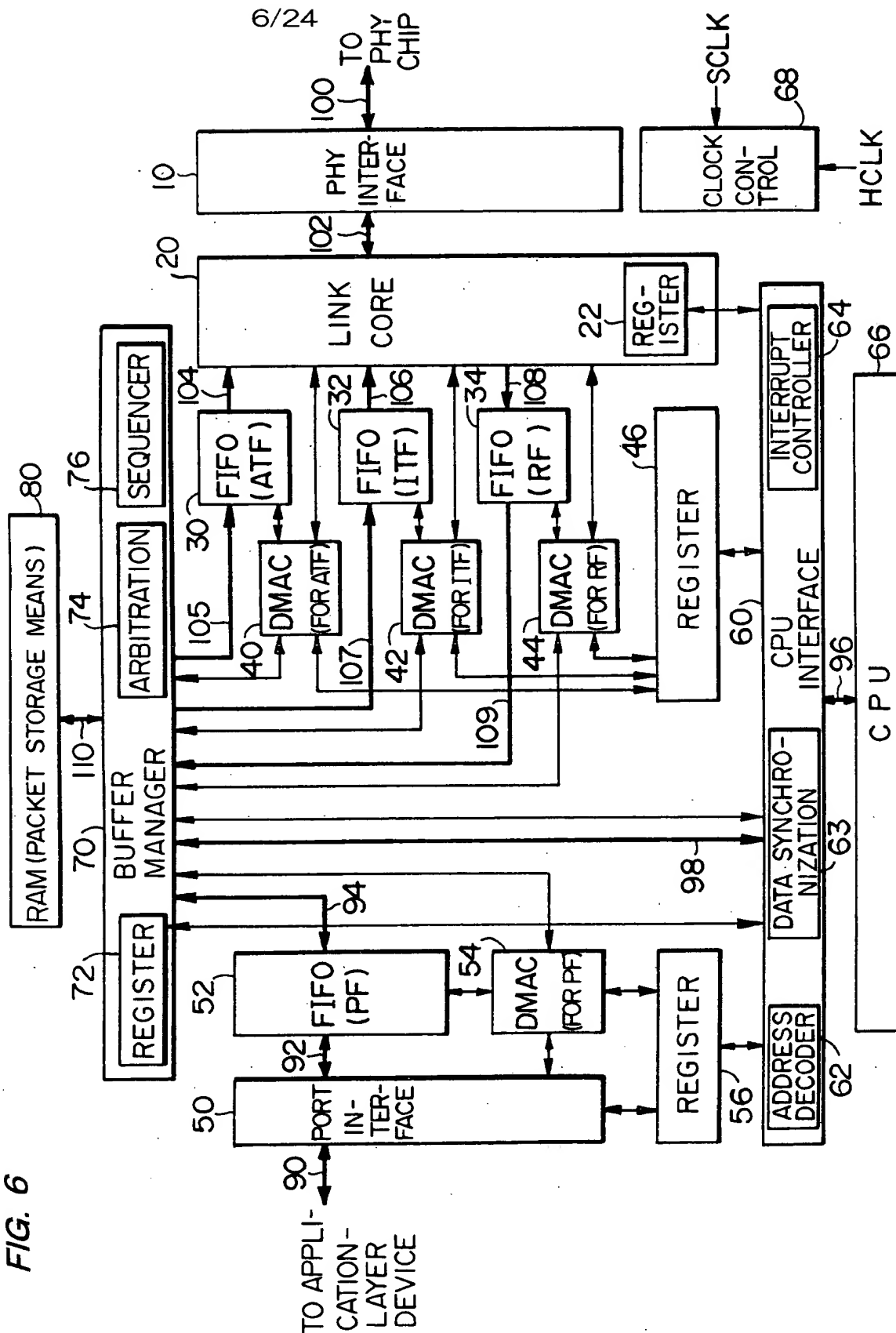
	b.31										b.0									
0	00	PHY_ID		R	T	gap_cnt		0000		0000		0000		0000						
1	INVERSION OF FIRST 32 BITS																			

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FIG. 5



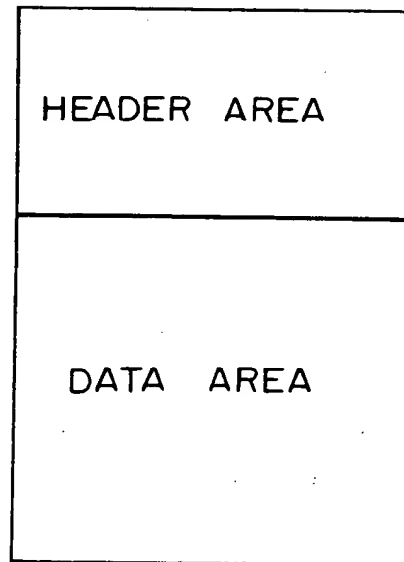
**FIG. 6**



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**FIG. 7**

## MEMORY MAP

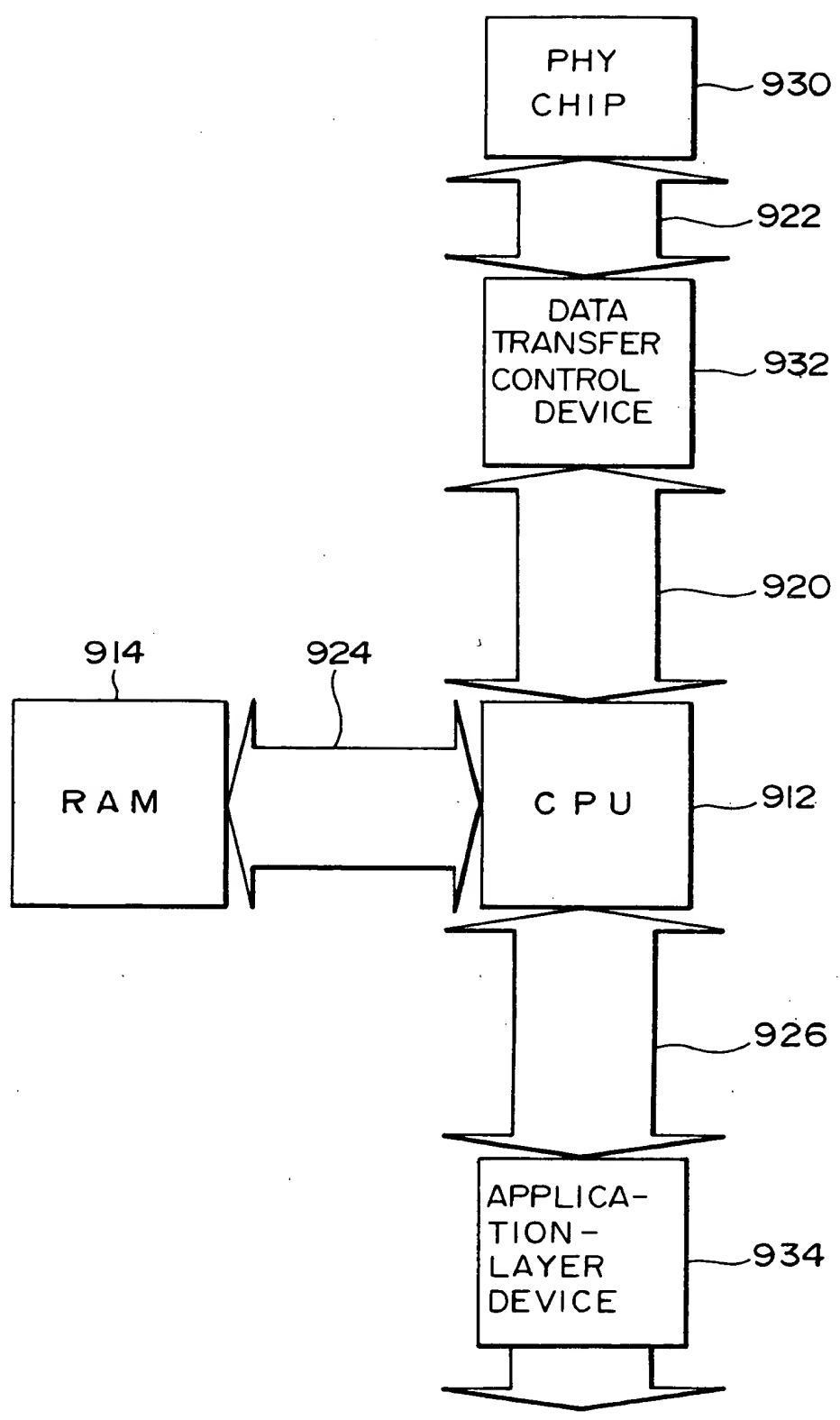


[illegible]



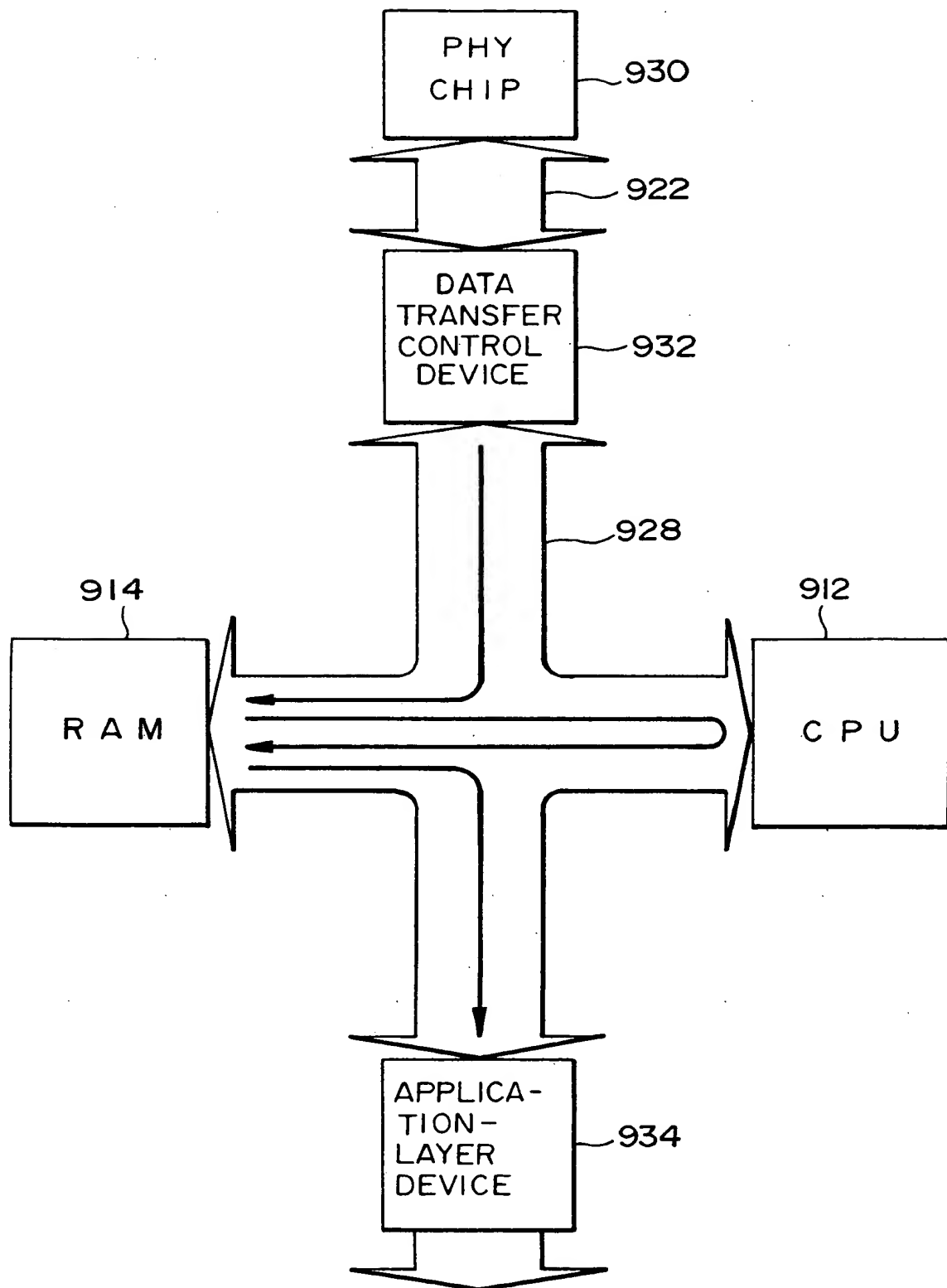
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FIG. 9



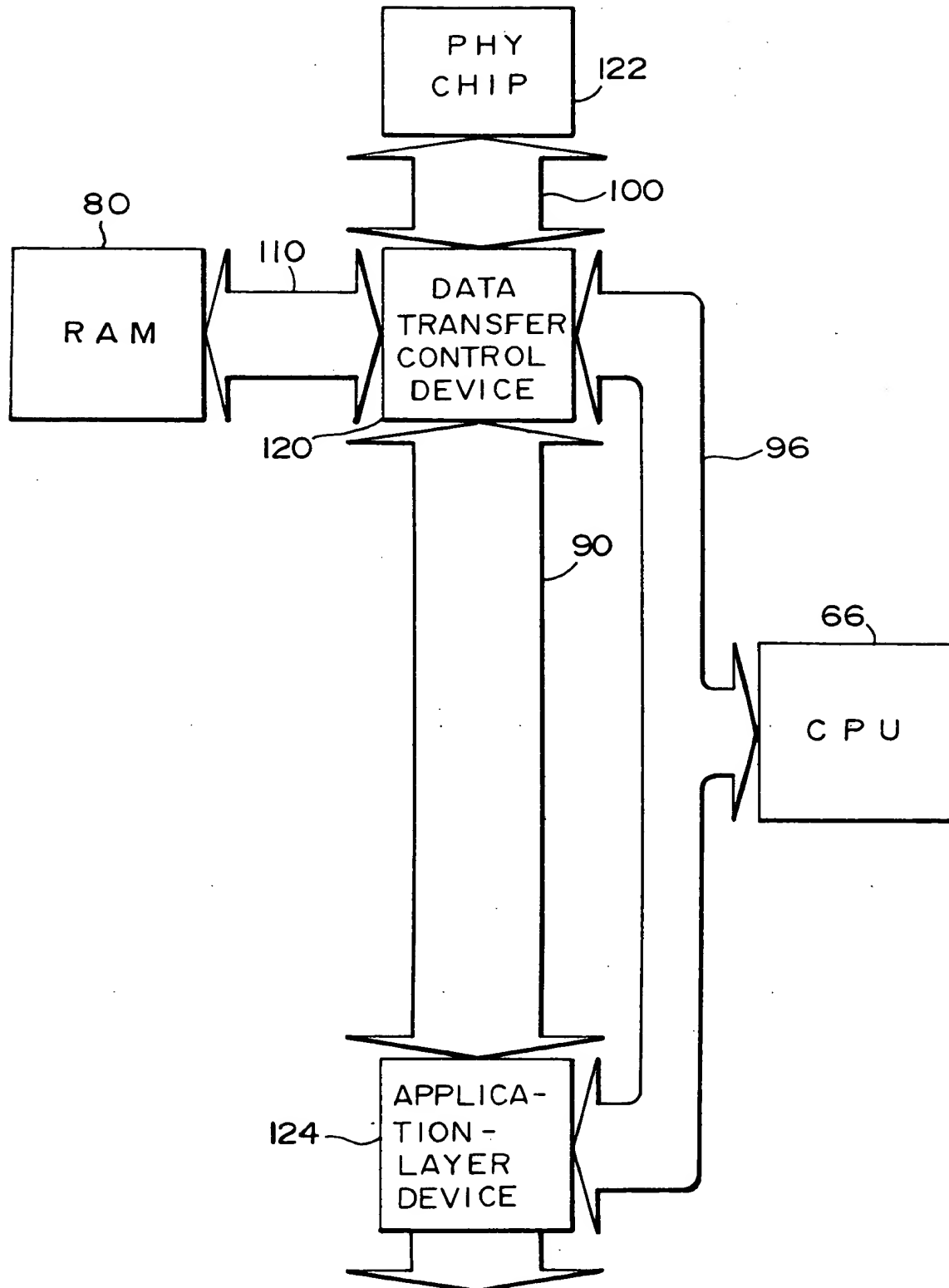
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FIG. 10



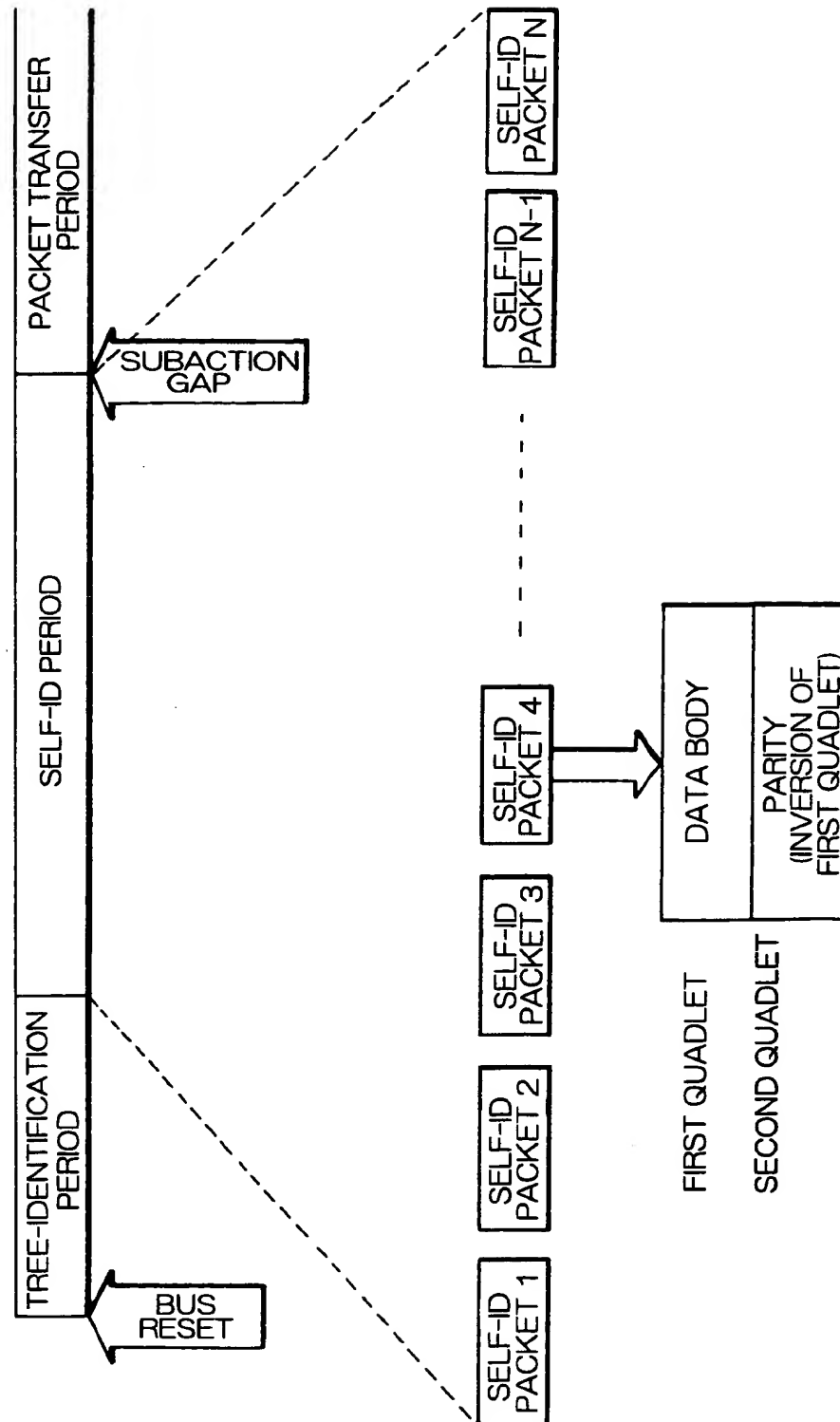
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FIG. 11



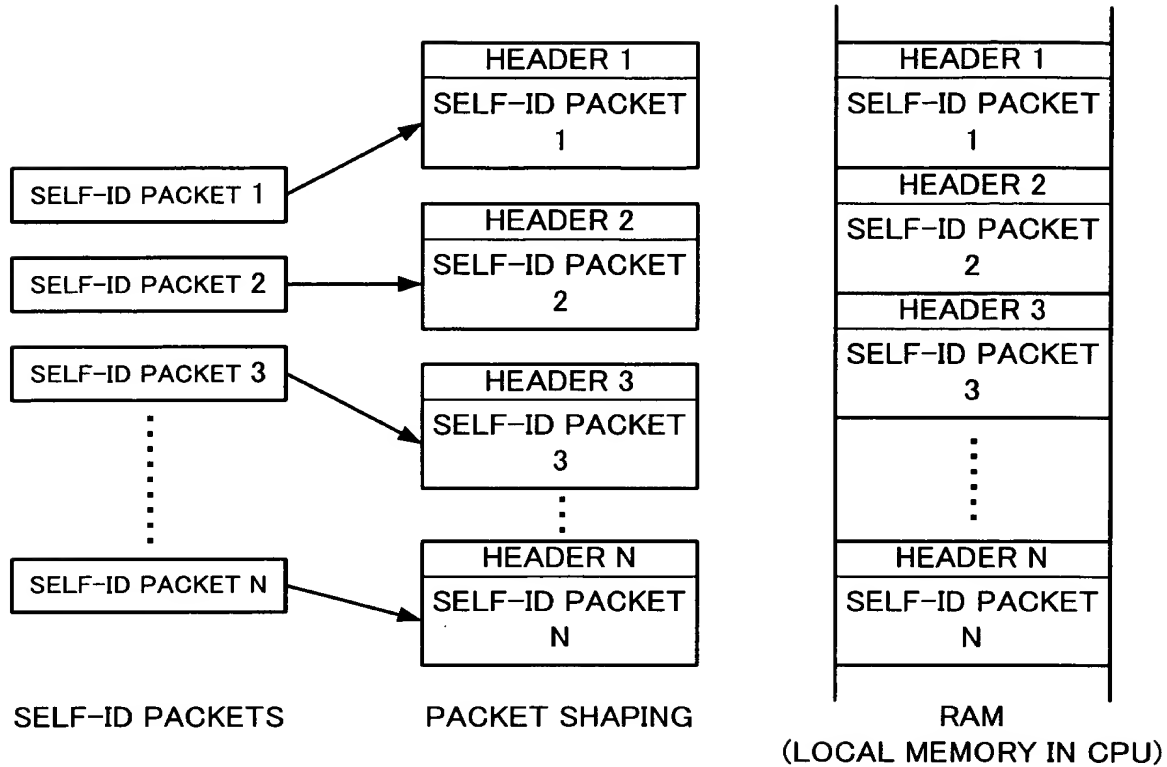
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FIG. 12

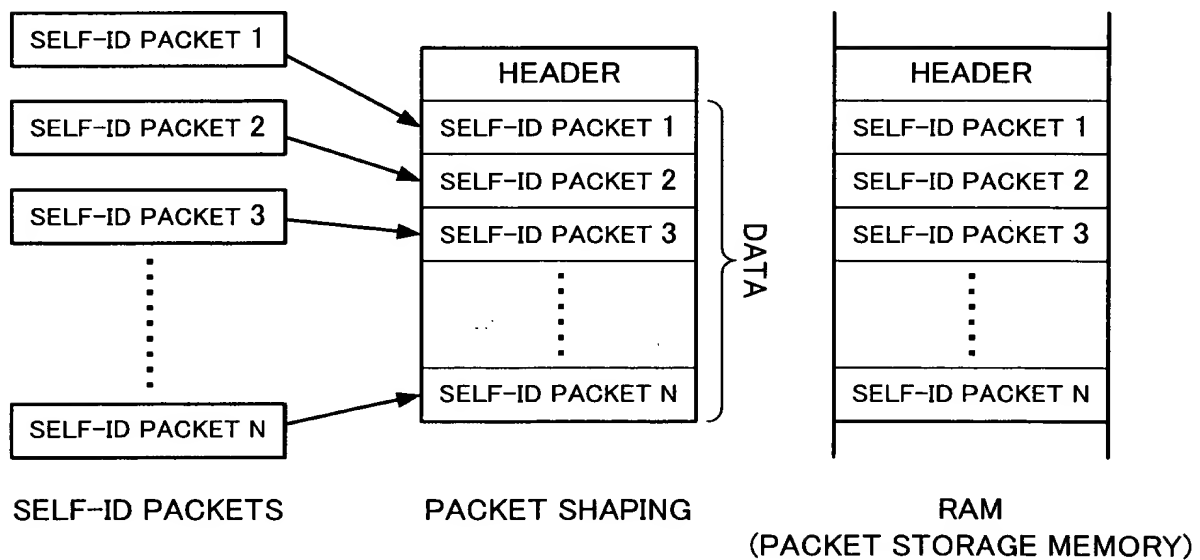


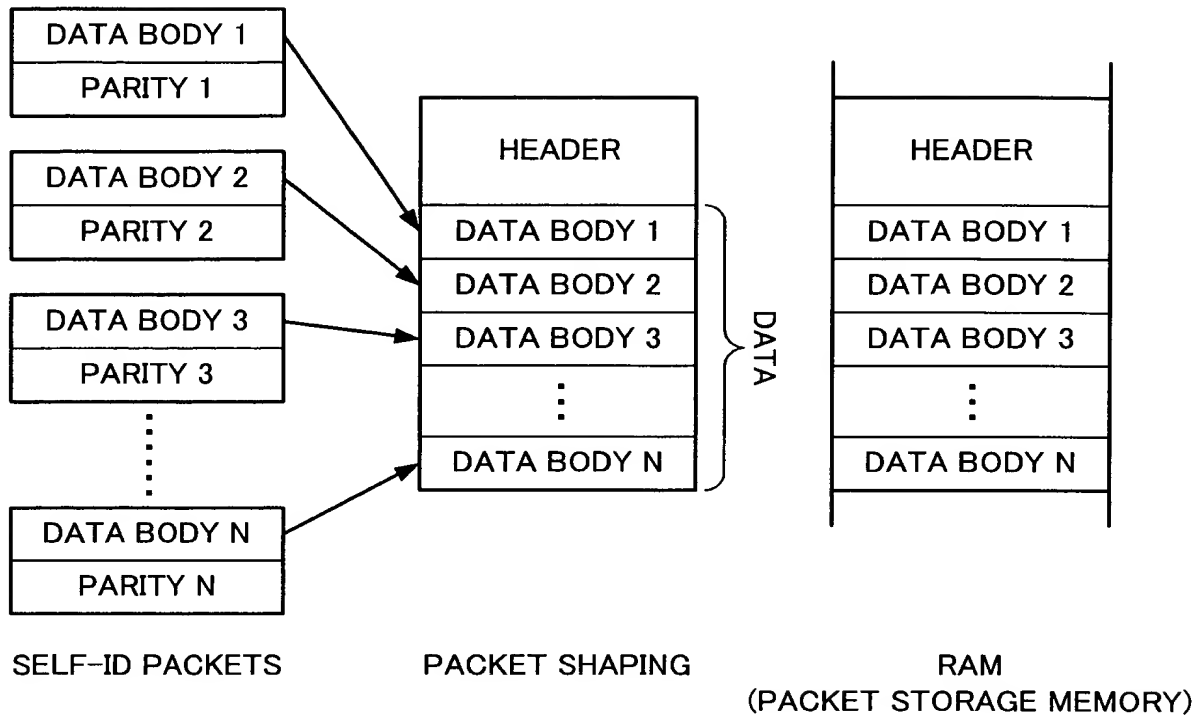
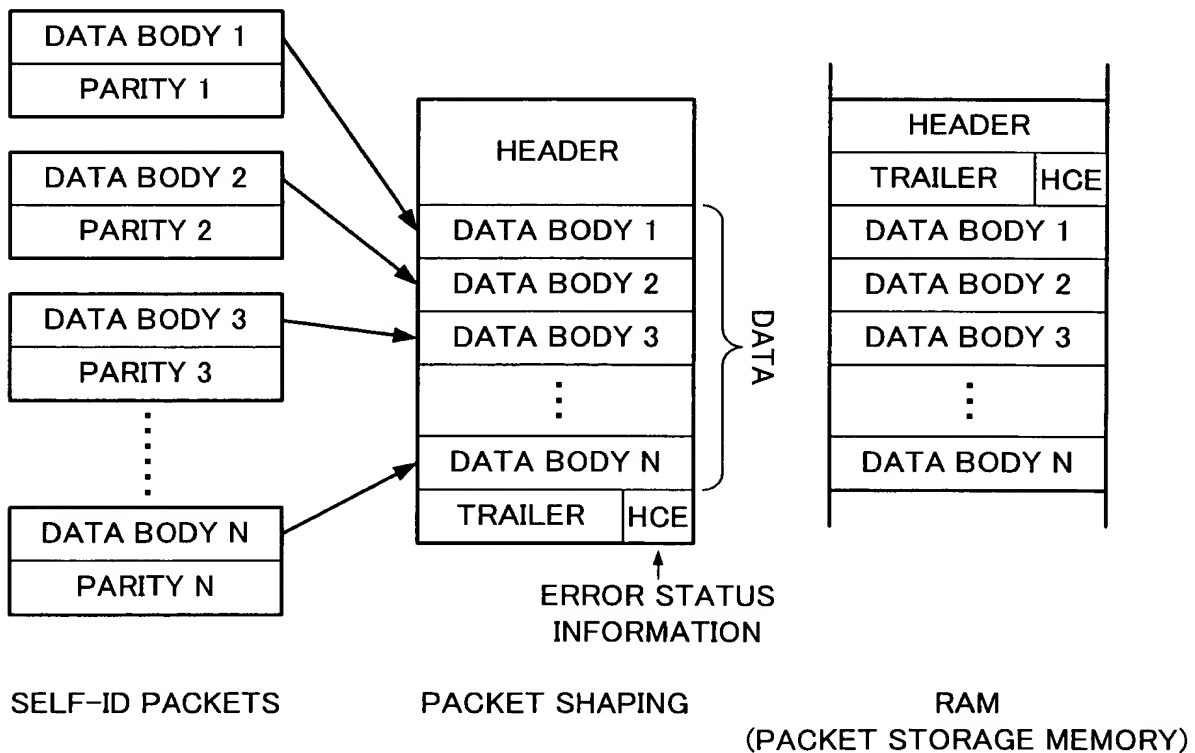
**FIG. 13A**

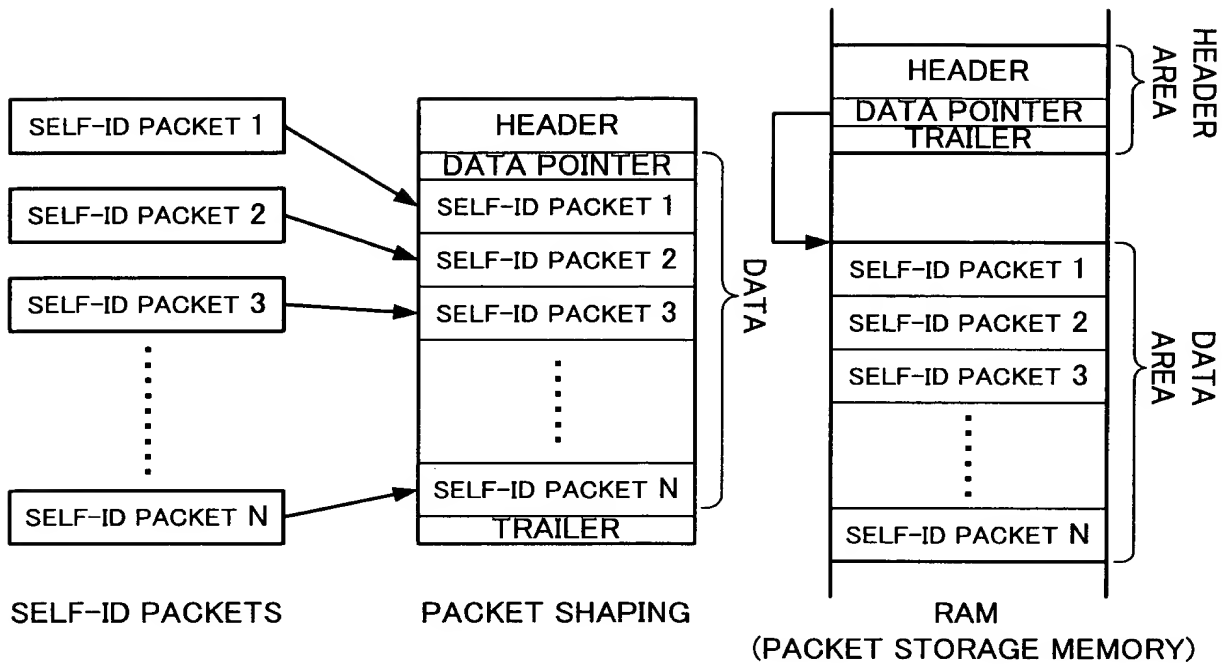
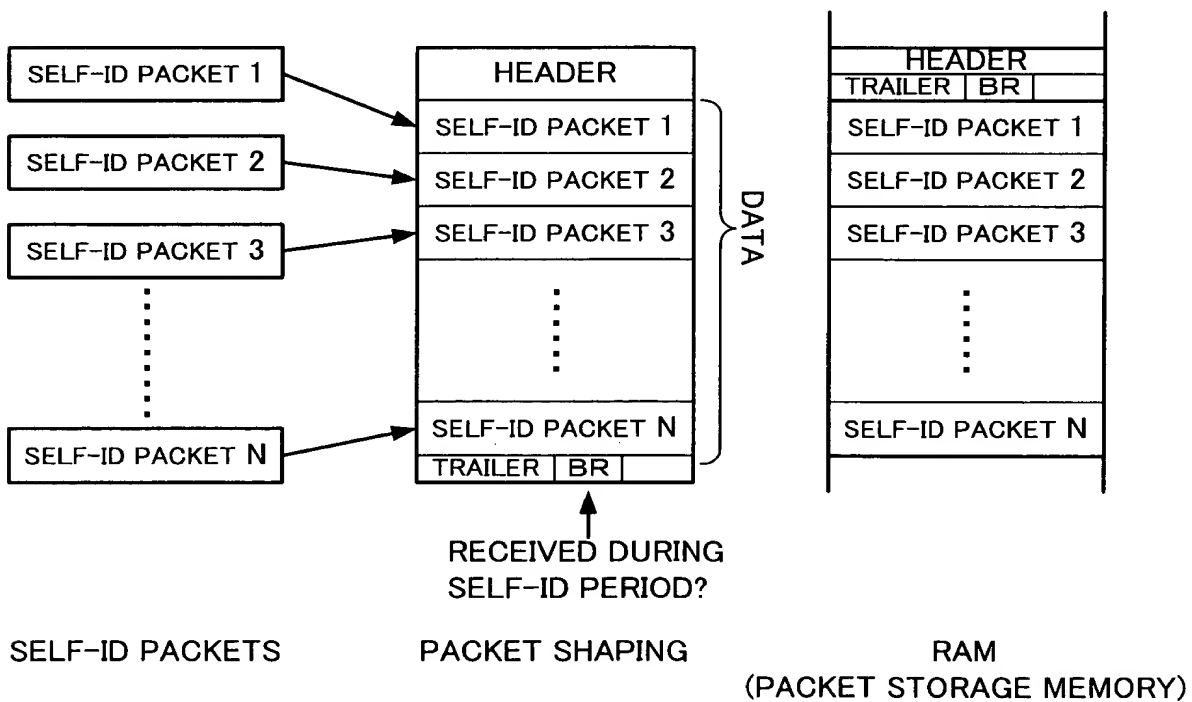
COMPARATIVE EXAMPLE

**FIG. 13B**

THIS EMBODIMENT OF THE PRESENT INVENTION



**FIG. 14A****FIG. 14B**

**FIG. 15A****FIG. 15B**

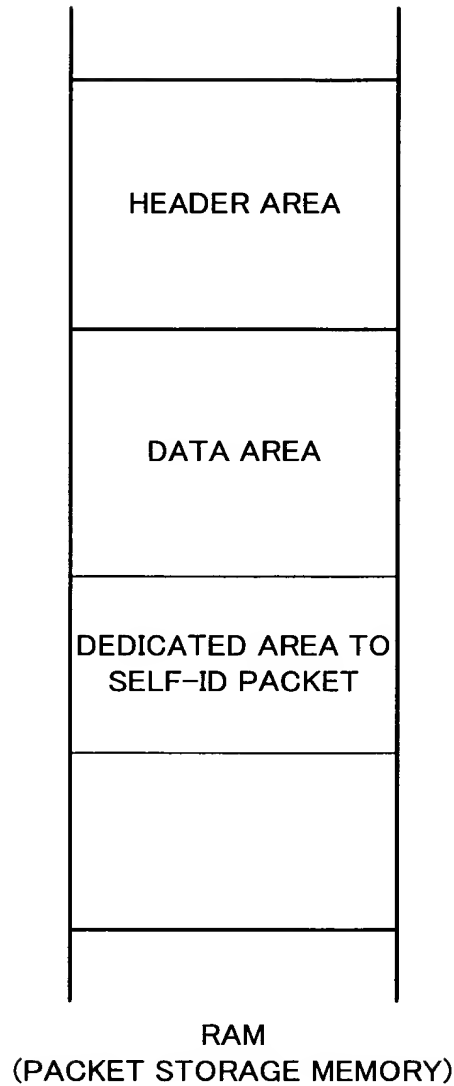
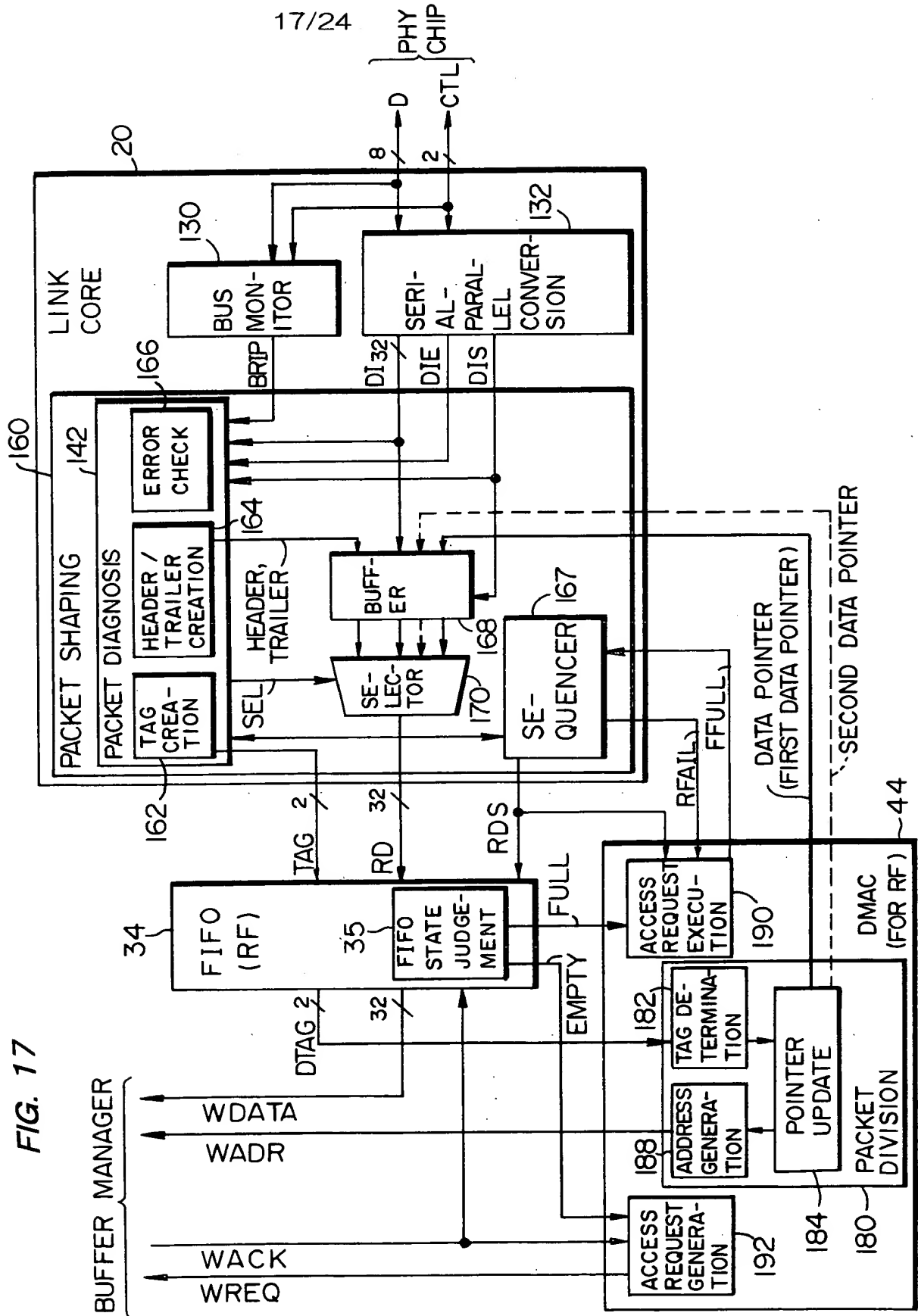
**FIG. 16**



FIG. 17



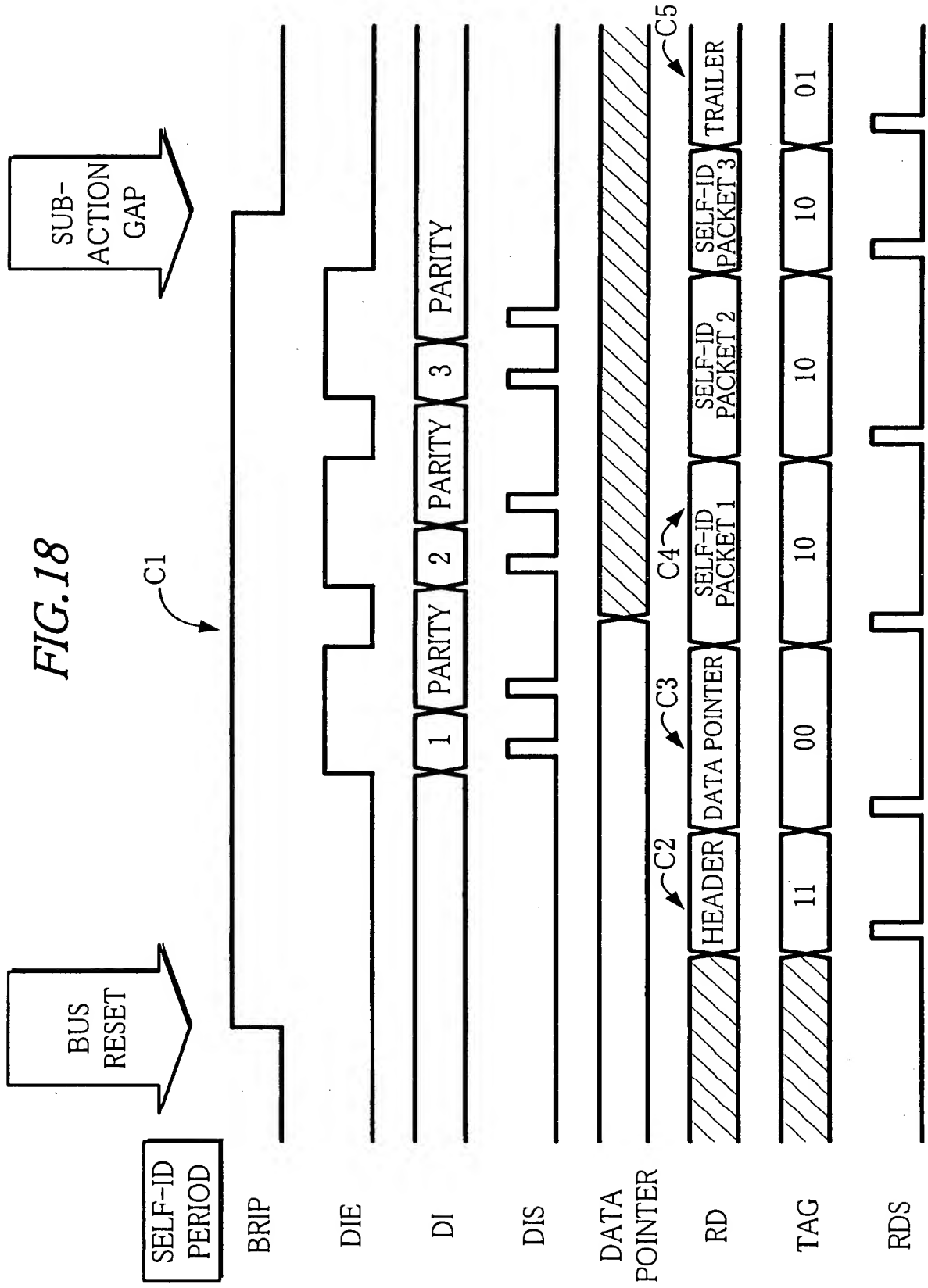


FIG. 19A

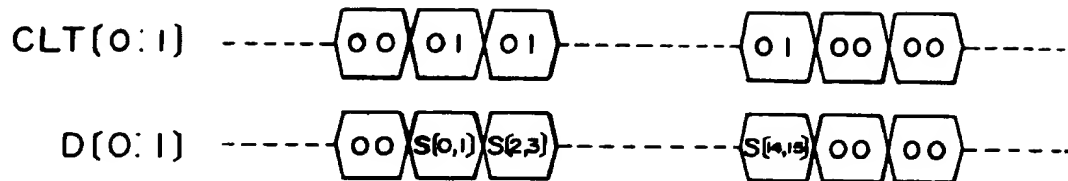


FIG. 19B

CTL WHILE PHY CHIP DRIVES

CTL	NAME
0 0	IDLE
0 1	STATUS
1 0	RECEIVE
1 1	GRANT

FIG. 19C

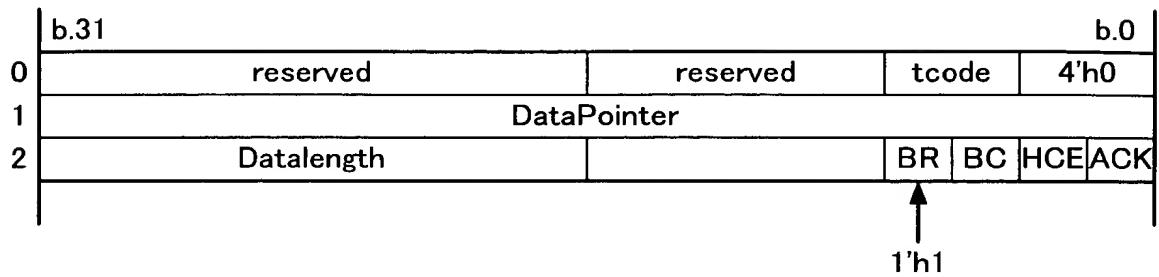
STATUS BITS

BIT	NAME
0	ARBITRATION RESET GAP
1	SUBACTION GAP
2	BUS RESET
3	PHY INTERRUPT
4 TO 7	ADDRESS
8 TO 15	DATA

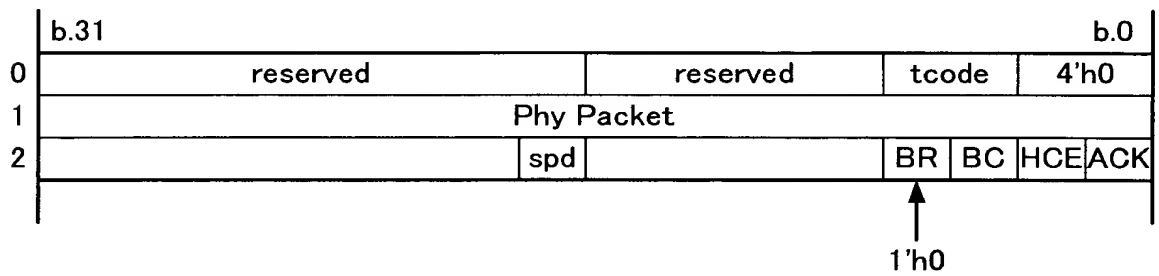
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**FIG. 20A**

RxAsynchronousBusResetPacket (tcode:0xE)

**FIG. 20B**

RxAsynchronousPhyPacket Nomal (tcode:0xE)

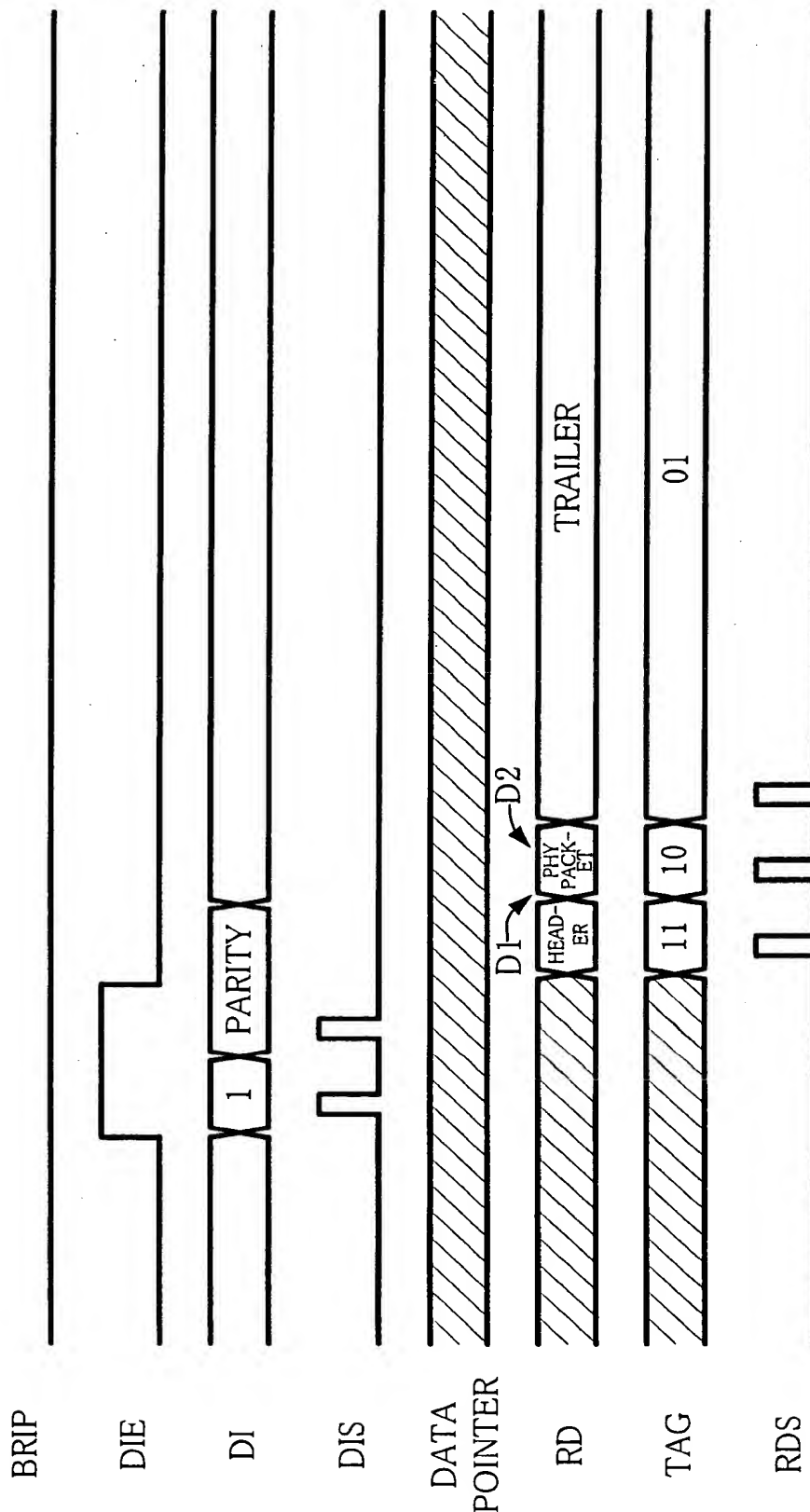


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TAG (DTAG)	MEANING
0 0	HEADER
0 1	TRAILER
1 0	DATA
1 1	START

[illegible]

OUTSIDE OF SELF-ID PERIOD  
(OTHER PHY PACKET)



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FIG. 23A

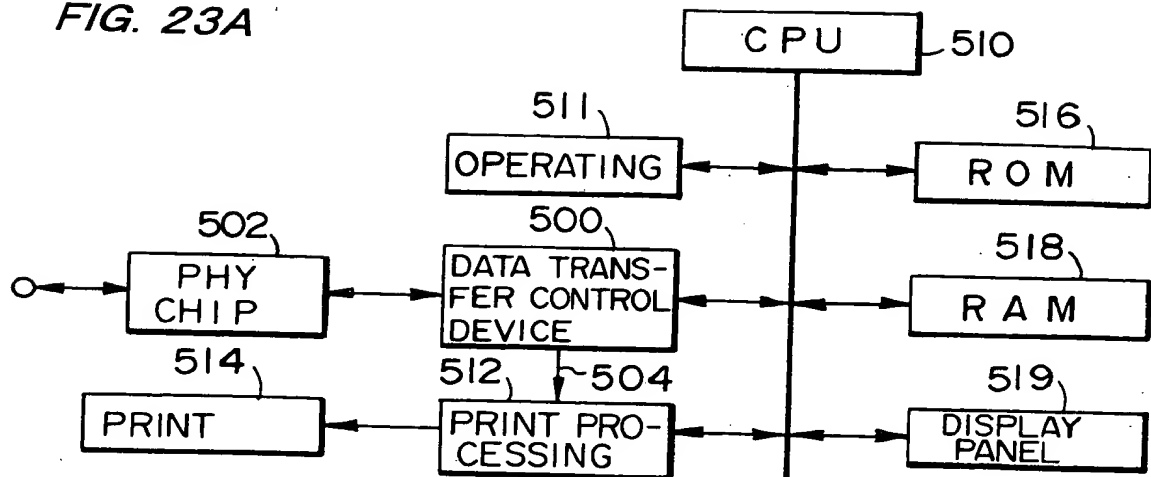


FIG. 23B

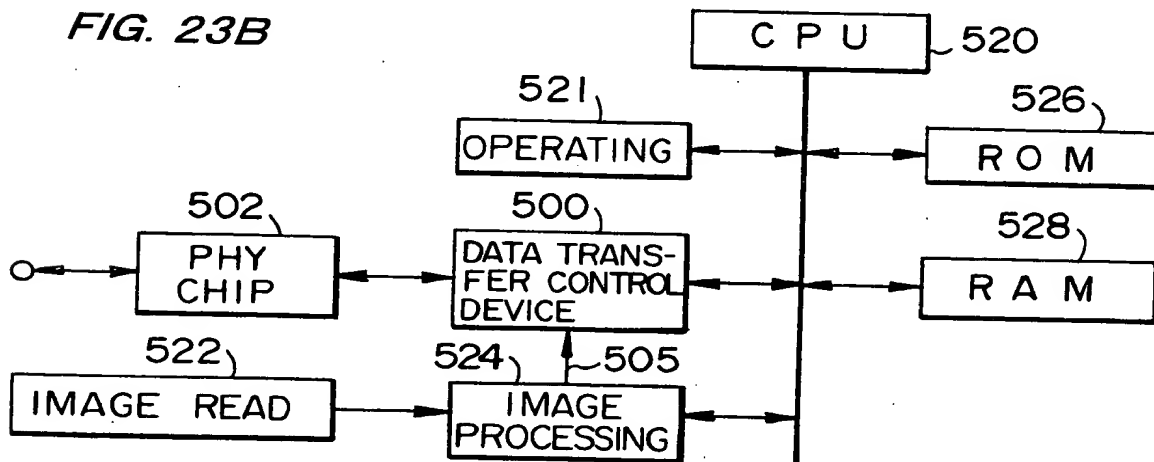
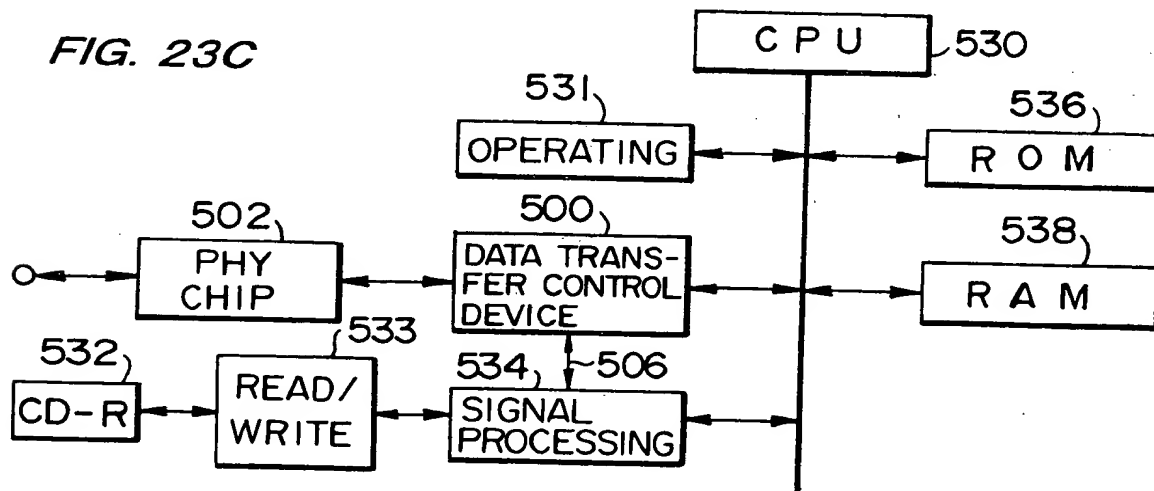


FIG. 23C



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FIG. 24A

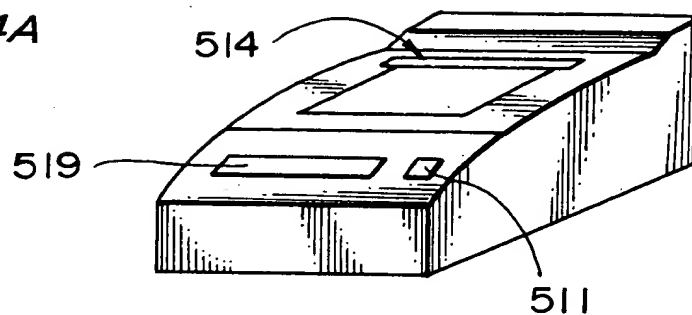


FIG. 24B

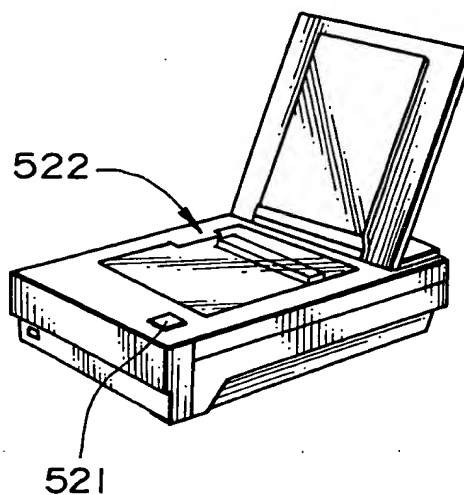


FIG. 24C

